


Notice of Allowability

Application No.

10/015,268

Examiner

Steven B. McAllister

Applicant(s)

CHOU, SHANG-TER

Art Unit

3627



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Examiner's amendment.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☒ The drawings filed on 17 December 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert H. Berdo, Jr. on 9/13/2004.

The application has been amended as follows:

IN THE SPECIFICATION:

On page 3, line 7, "blocked" was changed to --does not block --.

IN THE ABSTRACT:

In line 8, "blocked" was changed to --does not block --.

IN THE CLAIMS:

In claim 1, line 3, --a -- was inserted before "power supply".

In claim 1, line 7, "push receiving" was replaced with -- pushing said received--.

In claim 1, line 8, -- said -- was inserted between "cabinet," and "paper".

In claim 1, line 9, -- being -- was inserted before "fastened".

In claim 1, line 10, --said -- was inserted before "received paper".

In claim 1, line 15, --said -- was inserted before "received paper".

In claim 1, line 20, --said -- was inserted before "received paper".

In claim 1, line 24, "moved" was replaced with -- movable upon contact --.

In claim 1, line 25, "close/open" was replaced with --close or open--.

In claim 1, line 27, -- a -- was inserted before "signal", and --said -- was inserted before "power".

In claim 1, line 28, "blocked" was replaced with --does not block --.

In claim 4, "claim 1" was replaced with --claim 3 --.


The following is an examiner's statement of reasons for allowance: The general structure of a bill validator and cash box combination is shown in the art. The invention lies in the structure for shutting off the system upon receipt of a signal that the cash box is full. Claim 1 recites "a bottom track on the inside at said bottom panel [of the cash box], a sensor hole through said bottom panel, a spring-supported slide inserted into said bottom track and movable upon contact with said pressure board to close or open said sensor hole; ... a sensor means controlled to emit a signal to said sensor hole and adapted for cutting off said power supply when said slide does not block said sensor hole." While photo cells for detecting a full cash box by detecting movement of the pressure board in response to the acculated bills are shown (as best shown in Hatamachi et al), the structure showing a separate spring loaded slide mechanism movable upon contact is not shown. The combination was therefore found to be allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven B. McAllister whose telephone number is (703) 308-7052. The examiner can normally be reached on M-Th 8-6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert P. Olszewski can be reached on (703) 308-5183. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Steven B. McAllister

STEVE B. MCALLISTER
PRIMARY EXAMINER